

ORDER FOR SUPPLIES OR SERVICES												PAGE 1 OF 16	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N00039-11-D-0030				2. DELIVERY ORDER/ CALL NO. 0089		3. DATE OF ORDER/ CALL (YYYYMMDD) 2014 Apr 23		4. REQ./ PURCH. REQUEST NO. 1300417507			5. PRIORITY		
6. ISSUED BY SPAWAR SYSTEMS CENTER PACIFIC ALTHEA KANEASTER CODE 22410 ALTHEA.KANEASTER@NAVY.MIL 53560 HULL STREET SAN DIEGO CA 92152-5001				CODE N66001		7. ADMINISTERED BY (if other than 6) DCMA VIRGINIA 10500 BATTLEVIEW PARKWAY SUITE 200 MANASSAS VA 20109				CODE S2404A SCD: C		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)	
9. CONTRACTOR AMSEC LLC NAME (b)(4) AND 2829 GUARDIAN LN ADDRESS VIRGINIA BEACH VA 23452-7328				CODE 1LT84		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE			11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
12. DISCOUNT TERMS								13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15					
14. SHIP TO SEE SCHEDULE				CODE		15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATIONS P.O. BOX 182264 COLUMBUS OH 43218-2264				CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16. TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/>		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.							
		PURCHASE		<input type="checkbox"/>		Reference your quote dated Furnish the following on terms specified herein. REF:							
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.													
NAME OF CONTRACTOR				SIGNATURE				TYPED NAME AND TITLE				DATE SIGNED (YYYYMMDD)	
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:													
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule													
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT		22. UNIT PRICE		23. AMOUNT	
		SEE SCHEDULE											
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA TEL: 619-553-0661 EMAIL: joaquin.sanchez@navy.mil BY: Joaquin Sanchez				25. TOTAL \$1,623,620.80		26. DIFFERENCES	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED													
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE								c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE								28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS	
f. TELEPHONE NUMBER				g. E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR	
36. I certify this account is correct and proper for payment.								31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER			
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								35. BILL OF LADING NO.			
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.			

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012		1	Lot		\$0.00
EXERCISED OPTION	CDRLS FFP FOB: Destination				

NET AMT	\$0.00
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1008		1	Lot		\$1,623,620.80
EXERCISED OPTION	Hardware Installation (b)(7)(e) FPI				

This is a COMPLETION/NON-SEVERABLE order

Labor Hours (b)(4)

COR: (b)(6)

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST	(b)(4)
TARGET PROFIT	(b)(4)
TOTAL TARGET PRICE	\$1,623,620.80
CEILING PRICE	(b)(4)
SHARE RATIO ABOVE TARGET	50/50
SHARE RATIO BELOW TARGET	50/50

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100801			Lot		\$0.00

(b)(7)(e)

NMT Q BAND

FPI

Services and ODCs IAW PWS/JID 115933

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST

\$0.00

TARGET PROFIT

\$0.00

TOTAL TARGET PRICE

\$0.00

CEILING PRICE

\$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AC

CIN: 130041750700001

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100802			Lot		\$0.00

(b)(7)(e)

AIS - AN/URN-31(V)

FPI

Services and ODC IAW the PWS /JID 115927

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST

\$0.00

TARGET PROFIT

\$0.00

TOTAL TARGET PRICE

\$0.00

CEILING PRICE

\$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AA

CIN: 130041750700002

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100803			Lot		\$0.00

(b)(7)(e)

RAD RM (LNKED SUB-T

FPI

Services and ODC IAW the PWSJID 116683

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AB

CIN: 130041750700003

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100804			Lot		\$0.00

(b)(7)(e)

SUBLAN CCE ANC UPG

FPI

Services and ODCs IAW the PWSJID 126135

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AF

CIN: 130041750700004

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100805			Lot		\$0.00

(b)(7)(e)

SUBLAN VIKING RACK

FPI

Services and ODC IAW the PWS/JID 126620

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AD

CIN: 130041750700005

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100806			Lot		\$0.00

(b)(7)(e)

RACK 6850 SW UPG

FPI

FPI Services and ODCs IAW the PWS/JID 126626

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AG

CIN: 130041750700006

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100807			Lot		\$0.00

(b)(7)(e)

AN/USQ-177(V)1 ERDA

FPI

Services and ODC IAW the PWS/JID 126623

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AE

CIN: 130041750700007

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100808			Lot		\$0.00

(b)(7)(e)

SUBLAN SER FEFRESH

FPI

FPI Services and ODCs IAW the PWS/JID 126123

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AK

CIN: 130041750700008

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100809			Lot		\$0.00

(b)(7)(e)

SUBLAN LAPTOP UPG

FPI

Services and ODC IAW the PWS/JID 125972

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AH

CIN: 130041750700009

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100810			Lot		\$0.00

(b)(7)(e)

SUBLAN SER UPG

FPI

Services and ODC IAW the PWS/JID 125977

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST \$0.00

TARGET PROFIT \$0.00

TOTAL TARGET PRICE \$0.00

CEILING PRICE \$0.00

SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AJ

(b)(4)

CIN: 130041750700010

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100811			Lot		\$0.00

(b)(7)(e)

NTCSS VIKING FORWAR

FPI

Services and ODCs IAW the PWS/JID 99987

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST	\$0.00
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TARGET PROFIT	\$0.00
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TOTAL TARGET PRICE	\$0.00
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CEILING PRICE	\$0.00
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SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AM

CIN: 130041750700011

(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
100812			Lot		\$0.00

(b)(7)(e)

NTCSS VIK F/F PER REF

FPI

Services and ODC IAW the PWS/JID 116501

FOB: Destination

PURCHASE REQUEST NUMBER: 1300417507

TARGET COST	\$0.00
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TARGET PROFIT	\$0.00
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TOTAL TARGET PRICE	\$0.00
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CEILING PRICE	\$0.00
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SHARE RATIO ABOVE TARGET

SHARE RATIO BELOW TARGET

ACRN AL

(b)(4)

CIN: 130041750700012

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0012	Destination	Government	Destination	Government
1008	Destination	Government	Destination	Government
100801	Destination	Government	Destination	Government
100802	Destination	Government	Destination	Government
100803	Destination	Government	Destination	Government
100804	Destination	Government	Destination	Government
100805	Destination	Government	Destination	Government
100806	Destination	Government	Destination	Government
100807	Destination	Government	Destination	Government
100808	Destination	Government	Destination	Government
100809	Destination	Government	Destination	Government
100810	Destination	Government	Destination	Government
100811	Destination	Government	Destination	Government
100812	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0012	(b)(7)(e)	N/A	N/A FOB: Destination	
1008		N/A	N/A FOB: Destination	
100801		N/A	N/A FOB: Destination	
100802		N/A	N/A FOB: Destination	
100803		N/A	N/A FOB: Destination	
100804		N/A	N/A FOB: Destination	
100805		N/A	N/A FOB: Destination	
100806		N/A	N/A FOB: Destination	
100807		N/A	N/A FOB: Destination	
100808		N/A	N/A FOB: Destination	
100809		N/A	N/A FOB: Destination	
100810		N/A	N/A FOB: Destination	
100811		N/A	N/A FOB: Destination	
100812	N/A	N/A FOB: Destination		

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A10002234718

AMOUNT: (b)(4)

CIN 130041750700002: (b)(4)

AB: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A20002234718

AMOUNT: (b)(4)

CIN 130041750700003: (b)(4)

AC: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A00002234718

AMOUNT: (b)(4)

CIN 130041750700001: (b)(4)

AD: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A40002234718

AMOUNT: (b)(4)

CIN 130041750700005: (b)(4)

AE: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A60002234718

AMOUNT: (b)(4)

CIN 130041750700007: (b)(4)

AF: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A30002234718

AMOUNT: (b)(4)

CIN 130041750700004: (b)(4)

AG: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A50002234718

AMOUNT: (b)(4)

CIN 130041750700006: (b)(4)

AH: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A80002234718

AMOUNT: (b)(4)

CIN 130041750700009: (b)(4)

AJ: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A90002234718

AMOUNT: (b)(4)

CIN 130041750700010: (b)(4)

AK: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: A70002234718

AMOUNT: (b)(4)

CIN 130041750700008: (b)(4)

AL: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: B10002234718

AMOUNT: (b)(4)

CIN 130041750700012: (b)(4)

AM: 97X4930 NH3P 252 77777 0 050120 2F 000000

COST CODE: B00002234718

AMOUNT: (b)(4)

CIN 130041750700011: (b)(4)

CLAUSES INCORPORATED BY FULL TEXT

252.204-0012 Line Item Specific: by Contractor Invoice. (February 2013)

Funds assigned are obligated by a Navy Working Capital Fund Activity (SSC Pacific), the organizations (sponsors) that send funds to SSC Pacific require specific Job Order Number or Budget Structure tracking to the sub-tasks or individual ship or shore installations identified in the task order requirements. Therefore SSC Pacific cannot use PGI clauses 001-011, use of 012 is needed. The contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), and the accounting classification reference number (ACRN).

Line Item	ACRN
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100801	AA
100802	AB
100803	AC
100804	AD
100805	AE
100806	AF
100807	AG
100808	AH
100809	AJ
100810	AK
100811	AL
100812	AM

ENTERPRISE CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA)

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Space and Naval Warfare Systems Command (SPAWAR) via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://doncmra.nmci.navy.mil>.

Federal Supply Code J059

Section J - List of Documents, Exhibits and Other Attachments

CLAUSES INCORPORATED BY FULL TEXT

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

2-n-1 (services only)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

N66001

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the

system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N66001
Admin DoDAAC	S2404A
Inspect By DoDAAC	N66001
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N66001
Service Acceptor (DoDAAC)	N66001
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(*Contracting Officer: Insert applicable DoDAAC information or “See schedule” if multiple ship to/acceptance locations apply, or “Not applicable.”)

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

Send Additional Email Notification(s) to:			
Name	Email	Phone	Role
(b)(6)		(619) 524-2485	COR

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

Not Applicable

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

ATTACHMENTS

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	CDRL	12	12-APR-2014
Attachment 1	PWS REV A	26	14 April 2014
Attachment 2	QASP	2	
Attachment 3	NAVSEA Standard Items	1	
Attachment 4	Safety/Environmental Questionnaire	2	
Attachment 5	Environmental Agreement for Contractors on Ship Projects	8	
Attachment 6	Contractor Environmental Checklist	3	

**SSC PACIFIC
PERFORMANCE WORK STATEMENT
FIXED PRICE INCENTIVE (FIRM TARGET)
REVISION B**

DATE: 25 February 2014 (Rev B: 14 April 2014)

TO RFP: 3862

EMR: 42100.40561

START: Upon Award

SHORT TITLE: Hardware Installation only of various ShipAlts and EC/FCs on Pearl Harbor, HI.

(b)(7)(e)

1.0 SCOPE

This performance-based effort encompasses a wide range of C4ISR installation support services for Hardware and Software on board the

(b)(7)(e)

Revision A: Corrects multiple GFI references.

Revision B: Identifies JID 119126 as a linked task. All costs associated with this JID shall be charged against CSRR JID 116683.

1.1 PLACES OF PERFORMANCE

1.1.1 Onboard (b)(7)(e), Pearl Harbor, HI

1.1.2 SPAWARSYSCEN PAC facilities

1.1.3 Contractor's facilities

1.2 SCHEDULE OF REQUIRED SYSTEMS

1.2.1 Ships Availability (DSRA) Schedule

1.2.1.1 Nesting on (b)(7)(e) at FMB piers

1.2.1.2 Docking on (b)(7)(e)

1.2.2 SCHEDULE OF REQUIRED SYSTEMS

Ship/System	Job ID	SCD	Installation	SOVT	Period of Performance
(b)(7)(e)					
NMT Q BAND	115933	SA 4605	(b)(7)(e)		
AIS - AN/URN-31(V)3	115927	SA 4514			
COMMON SUBMARINE RADIO ROOM (WITH LINKED SUBTASKS)	116683	SA 4697			
AN/BSQ-9(V)1 TFDS ALARM FIX EC 02	130810	EC 02			
CSRR HM&E CABLING AND EQUIPMENT EC 22R2	131057	EC 22r2			

CSRR CROSS DOMAIN MESSAGE TRANSFER EC 25R1	138118	EC 25r1
CSRR ADNS SP2 ROUTER REPLACEMENT EC 26	130854	EC 26
CSRR RFDACS EOL UPGRADES EC 29R1	130882	EC 29r1
CSRR KW-46M UPG EC 30	TBD	EC 30
OK-664(V)13 RFDACS L1.1.0.0 UPGRADE EC 06R1	137612	EC 06r1
AN/WRR-12 SLVR HW AND SW V4.0.0 UPGRADE EC 02R1	120610	EC 02r1
AN/USC-38(V)C-12509C EHF CIPHER TEXT TIP	119126	EC-4 R1
AN/USQ-177(V)1 SUBLAN CCE ANC UPG	126135	SA 4700
AN/USQ-177(V)1 CSES SHORT RACK 6850 SW UPG	126626	EC-8.01
AN/USQ-177(V)1 SUBLAN 6850 SWITCHES VIKING RACK	126620	EC-10.03
AN/USQ-177(V)1 ERDA 6850 SWITCH UPG	126623	EC-23
AN/USQ-177(V)1 SUBLAN 2RU CCE SERVER REFRESH	126123	EC-25
AN/USQ-177(V)1 SUBLAN COMPOSE 4.0 LAPTOP UPG	125972	EC-26
AN/USQ-177(V)1 SUBLAN 3RU CCE SERVER UPG	125977	EC-27
AN/UYK-164(V)9 NTCSS VIKING FORWARD FIT	99987	SA 4641 R1
AN/UYK-164(V)9 NTCSS VIKING F/F PERIPHERAL REFRESH	116501	EC-48

(b)(7)(e)

Note: Job IDs in **Blue highlights** are linked tasks; all efforts shall be bid and charged to Job ID 116683.

Ship's availability begins on (b)(7)(e). Early start of (b)(7)(e) is authorized to begin removals associated with CSRR (116683) and NMT (115933). Contractor shall be on board on (b)(7)(e) to accomplish removals associated with those tasks that do not require crane and rigging. The ship will go into dry-dock beginning (b)(7)(e). While in drydock, Pearl Harbor Naval Shipyard will provide all crane and rigging services required for accomplishment of this Task Order.

The Contractor must be able to provide sufficient technical expertise, services and materials as necessary to effectively and efficiently install, verify operation, troubleshoot and provide end user training for the systems listed above as defined in this PWS.

During performance, the use of web-enabled tools for management will be maximized. Status reporting, financial reporting, task orders, and task order modifications will be accomplished via posting to the Regional Installation Management Office (IMO) web-enabled databases. To the maximum extent practical, all deliverables under this contract shall be delivered in formats compatible with the latest NMCI Gold Disk applications.

The technical representative assisting the contracting officer (KO) in the administration of the whole contract is the Contracting Officer's Representative (COR) who has no contractual authority to obligate the government. The Contractor is reminded that only the Ordering Officer (or other designated Contracting Officer) has the authority to obligate the government and make changes to this task order. No other government personnel have such authority.

2.0 REFERENCES

2.1 Specifications and Standards

- 2.1.1** SPAWAR Global C4ISR Installations Contract (SE II)
- 2.1.2** NAVSEA Tech Spec 9090-310E – Alterations to Ships Accomplished by alteration Installation Teams (AITs)
- 2.1.3** NAVSEA Standard Items, FY-12
- 2.1.4** Code of Federal Regulations Title 26, part 1915 (Occupational Safety and Health Requirements for Shipyard Employment)
- 2.1.5** DoD 8570.01-M, Information Assurance Workforce Improvement Program.
- 2.1.6** MIL-STD-2073D, Standard Practice for Military Packaging

2.2 Government Furnished Information

The following GFI is available on CD-ROM from the SSC PAC COR Office.

- 2.2.1 NMT Q BAND INSTALLATION S/A 4605KP SIDS AND LARS**
- 2.2.1.1 00409-8206733 Rev -, COMMUNICATION RACK MODS TO SUPPORT INSTALLATION OF AN/BSC-3(V) NMT**
- 2.2.1.1.1 LAR-78836**
- 2.2.1.1.2 RLAR-22024**
- 2.2.1.1.3 RLAR-23273**
- 2.2.1.2 00401-8207311 Rev -, CKT C-2ML MOD TO SPRT NMT AN/BSC-3(V) CAD & WT**
- 2.2.1.2.1 RLAR-21789**
- 2.2.1.2.2 RLAR-21943**
- 2.2.1.2.3 RLAR-23913**
- 2.2.1.3 00401-8207313 Rev -, CKT R-CS MOD TO SPRT NMT AN/BSC-3(V) CAD & WT**
- 2.2.1.3.1 RLAR-21951**
- 2.2.1.4 00409-8207314 Rev A, NMT AN/BSC-3(V) RIPOUT CABLING DIAGRAM**
- 2.2.1.4.1 RLAR-23272**
- 2.2.1.5 00409-8207315 Rev A, NMT AN/BSC-3(V) INSTALLATION CABLING DIAGRAM**
- 2.2.1.5.1 LAR-78010**
- 2.2.1.5.2 LAR-78620**
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 2.2.1.6 **00409-8207316 Rev A, NMT AN/BSC-3(V) WIRING TABLE**
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 2.2.1.6.2 LAR-78010
 2.2.1.6.3 LAR-78620
 2.2.1.6.4 LAR-78738
 2.2.1.6.5 LAR-78898
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 2.2.1.6.7 LAR-79755
 2.2.1.6.8 LAR-79812
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 2.2.1.6.11 LAR-79881
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 2.2.1.7 **00516-8207318 Rev A, EAFW COOLING SYSTEM MOD TO SUIT NMT AN/BSC-3(V)**
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 2.2.1.8 **00545-8207324 Rev A, MISC ARR MODS TO SPRT NMT AN/BSC-3(V)**
 2.2.1.8.1 LAR-76276
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~~2.2.1.8.3 RLAR-21983~~
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 2.2.1.9 **00302-8207330 Rev A, PWR MODS TO SPRT NMT AN/BSC-3(V)**
 2.2.1.9.1 LAR-79620
~~2.2.1.9.2 RLAR-23405~~
~~2.2.1.9.3 RLAR-23692~~
 2.2.1.10 **00302-8207382 Rev -, CABLE ROUTING WIREWAY AND AEH MODS TO SPRT NMT AN/BSC-3(V)**
 2.2.1.10.1 LAR-76567
 2.2.1.10.2 LAR-78620
 2.2.1.10.3 LAR-78641
 2.2.1.10.4 LAR-78853
 2.2.1.10.5 LAR-79793
 2.2.1.10.6 LAR-79805
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 2.2.1.10.8 RLAR-23079
 2.2.1.10.9 RLAR-23247
 2.2.1.11 **00113-8207442 Rev B, NMT AN/BSC-3(V) – RIPOUT AND INSTALL FOUNDATIONS**

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2.2.2.1 00608-8206212 Rev -, RIPOUT & INSTALLATION OF LOCKERS & STOWAGES IWO (AIS) AUTOMATIC IDENTIFICATION SYSTEM

2.2.2.1.1 LAR-PY-76346
 2.2.2.1.2 LAR-PY-77713
~~2.2.2.1.3 RLAR-21766~~
 2.2.2.1.4 LAR-PY-76885A
 2.2.2.1.5 LAR-PY-77829
~~2.2.2.1.6 RLAR-21854~~
 2.2.2.1.7 LAR-PY-77675

2.2.2.1.8 LAR-PY-79808

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2.2.2.2 **00409-8206335 Rev -**, COMMUNICATION RACK MODS TO SUPPORT INSTALLATION OF AIS

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2.2.2.3.1 LAR-PY-73298B

2.2.2.3.2 LAR-PY-79954

~~2.2.2.3.3 RLAR-21858~~

2.2.2.3.4 LAR-PY-76882

2.2.2.3.5 RLAR-21149

2.2.2.3.6 RLAR-21969

2.2.2.3.7 LAR-PY-76882A

~~2.2.2.3.8 RLAR-21670~~

~~2.2.2.3.9 RLAR-23231~~

2.2.2.4 **00113-8207422 Rev A**, RIPOUT & INSTL OF FDNS & STRUCT FOR AUTOMATIC IDENTIFICATION SYSTEM (AIS) SA-4514KP

2.2.2.4.1 LAR-PY-76346

2.2.2.4.2 LAR-PY-76593A

2.2.2.4.3 LAR-PY-76705

2.2.2.4.4 LAR-PY-77627A

2.2.2.4.5 LAR-PY-77673

2.2.2.4.6 LAR-PY-77726

2.2.2.4.7 LAR-PY-77888

2.2.2.4.8 LAR-PY-78694

2.2.2.4.9 LAR-PY-78857A

2.2.2.4.10 LAR-PY-79313

2.2.2.4.11 LAR-PY-79687

2.2.2.4.12 LAR-PY-79874

2.2.2.4.13 LAR-PY-76560

2.2.2.4.14 LAR-PY-76676

2.2.2.4.15 LAR-PY-77614

2.2.2.4.16 LAR-PY-77671

2.2.2.4.17 LAR-PY-77700

2.2.2.4.18 LAR-PY-77828

2.2.2.4.19 LAR-PY-77890

2.2.2.4.20 LAR-PY-78712

2.2.2.4.21 LAR-PY-79311

2.2.2.4.22 LAR-PY-79335

2.2.2.4.23 LAR-PY-79688

2.2.2.4.24 LAR-PY-79879

2.2.2.4.25 LAR-PY-76593

2.2.2.4.26 LAR-PY-76701

2.2.2.4.27 LAR-PY-77627

2.2.2.4.28 LAR-PY-77672

2.2.2.4.29 LAR-PY-77725

2.2.2.4.30 LAR-PY-77887

2.2.2.4.31 LAR-PY-78118

2.2.2.4.32 LAR-PY-78857

2.2.2.4.33 LAR-PY-79312

2.2.2.4.34 LAR-PY-79335A

2.2.2.4.35 LAR-PY-79873

2.2.2.4.36 LAR-PY-79879A

2.2.2.4.37 RLAR-21848

~~2.2.2.4.38~~ RLAR-21850

2.2.2.4.39 RLAR-21214

~~2.2.2.4.40~~ RLAR-21848A

~~2.2.2.4.41~~ RLAR-23166

~~2.2.2.4.42~~ RLAR-21763

2.2.2.4.43 RLAR-21849

2.2.2.5 00345-8207506 Rev A, MISC ARR FOR AUTOMATIC IDENTIFICATION SYSTEM (AIS) PHASE 1(BSY-1)

~~2.2.2.5.1~~ RLAR-21976

~~2.2.2.5.2~~ RLAR-23189 (-)

2.2.2.5.3 LAR-PY-76346

2.2.2.5.4 LAR-PY-76701

2.2.2.5.5 LAR-PY-77627

2.2.2.5.6 LAR-PY-77672

2.2.2.5.7 LAR-PY-77725

2.2.2.5.8 LAR-PY-77887

2.2.2.5.9 LAR-PY-78118

2.2.2.5.10 LAR-PY-78857

2.2.2.5.11 LAR-PY-79312

2.2.2.5.12 LAR-PY-79687

2.2.2.5.13 LAR-PY-79873

~~2.2.2.5.14~~ RLAR-21770

2.2.2.5.15 LAR-PY-76560

2.2.2.5.16 LAR-PY-76705A

2.2.2.5.17 LAR-PY-77627A

2.2.2.5.18 LAR-PY-77673

2.2.2.5.19 LAR-PY-77726

2.2.2.5.20 LAR-PY-77888

~~2.2.2.5.21~~ LAR-PY-78694

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2.2.2.5.23 LAR-PY-79313

2.2.2.5.24 LAR-PY-79688

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2.2.2.5.27 LAR-PY-76676

2.2.2.5.28 LAR-PY-77614

2.2.2.5.29 LAR-PY-77671

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2.2.2.6.1 LAR-PY-73213B

2.2.2.6.2 LAR-PY-76704

2.2.2.6.3 LAR-PY-76850

2.2.2.6.4 LAR-PY-76899

2.2.2.6.5 LAR-PY-77615

2.2.2.6.6 LAR-PY-78516B

2.2.2.6.7 LAR-PY-79268

2.2.2.6.8 LAR-PY-79687

2.2.2.6.9 LAR-PY-73314A

2.2.2.6.10 LAR-PY-76713
2.2.2.6.11 LAR-PY-76858
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2.2.2.6.16 LAR-PY-79873
2.2.2.6.17 LAR-PY-76133
2.2.2.6.18 LAR-PY-76842
2.2.2.6.19 LAR-PY-76858B
2.2.2.6.20 LAR-PY-77162
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2.2.2.7 00410-8207508 Rev A, ELECTRONIC NAVIGATION SYSTEM WIRING TABLE TO SUPPORT AIS
INSTALLATION

2.2.2.7.1 LAR-PY-73213B
2.2.2.7.2 LAR-PY-73429C
2.2.2.7.3 LAR-PY-76713
2.2.2.7.4 LAR-PY-76858
2.2.2.7.5 LAR-PY-76995
2.2.2.7.6 LAR-PY-77615
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2.2.2.7.10 LAR-PY-76133
2.2.2.7.11 LAR-PY-76842
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2.2.2.7.13 LAR-PY-77024
2.2.2.7.14 LAR-PY-77810
2.2.2.7.15 LAR-PY-78516B
2.2.2.7.16 LAR-PY-79873
2.2.2.7.17 LAR-PY-73428C
2.2.2.7.18 LAR-PY-76704
2.2.2.7.19 LAR-PY-76850
2.2.2.7.20 LAR-PY-76899
2.2.2.7.21 LAR-PY-77162
2.2.2.7.22 LAR-PY-78117
2.2.2.7.23 LAR-PY-79119
2.2.2.7.24 RLAR-23290

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PHASE 1

2.2.2.8.1 LAR-PY-76425
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2.2.2.8.4 RLAR-23076
2.2.2.8.5 LAR-PY-77073
2.2.2.8.6 LAR-PY-77888
2.2.2.8.7 LAR-PY-79873
~~2.2.2.8.8 RLAR-23211~~
2.2.2.8.9 LAR-PY-77726
2.2.2.8.10 LAR-PY-79253
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~~**2.2.3.3.1 RLAR-24078**~~
2.2.3.4 00401-8207826 Rev -, SOUND POWERED TELEPHONE SYSTEM IC CKT "SJ" MOD TO SUPPORT INSTL OF CSRR
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2.2.3.4.2 RLAR-21938
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2.2.3.5 00401-8207827 Rev -, SOUND POWERED TELEPHONE SYSTEM IC CKT "2JX" AND "E" MOD TO SUPPORT INSTL OF CSRR
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2.2.3.8 00445-8207831 Rev -, CSRR – MISC ARR MODS TO SUPPORT INSTALLATION OF CSRR
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2.2.3.10.16	LAR-79591
2.2.3.10.17	LAR-80176
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2.2.3.10.19	LAR-80398
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2.2.3.10.21	LAR-80400
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2.2.3.10.23	LAR-80468
2.2.3.10.24	LAR-80786
2.2.3.10.25	LAR-80901
2.2.3.10.26	LAR-80906
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2.2.3.10.31	RLAR-23047
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2.2.3.11.16	LAR-79214
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2.2.3.11.18	LAR-79583
2.2.3.11.19	LAR-79589
2.2.3.11.20	LAR-79590
2.2.3.11.21	LAR-79591
2.2.3.11.22	LAR-79637
2.2.3.11.23	LAR-79659
2.2.3.11.24	LAR-80176
2.2.3.11.25	LAR-80354
2.2.3.11.26	LAR-80398a
2.2.3.11.27	LAR-80398
2.2.3.11.28	LAR-80468
2.2.3.11.29	LAR-80475
2.2.3.11.30	LAR-80641
2.2.3.11.31	LAR-80786
2.2.3.11.32	LAR-80901
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2.2.3.11.35	LAR-80986
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2.2.3.11.42	LAR-81444
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 2.2.3.15.21 LAR-82831a
 2.2.3.15.22 RLAR-21948
 2.2.3.15.23 **RLAR-24011**
 2.2.3.16 **00401-8207851 Rev A**, MAST POSITION INDICATOR SYSTEM IC CKT K-EH & C-2ML MOD TO SUPPORT CSRR
 2.2.3.16.1 LAR-77319
 2.2.3.16.2 RLAR-21744
 2.2.3.16.3 RLAR-21964
 2.2.3.16.4 RLAR-23817
 2.2.3.16.5 RLAR-23875
 2.2.3.17 **00613-8207853 Rev -**, SUBLAN MOD TO SUPPORT INSTL OF CSRR SA 4697KP
 2.2.3.17.1 RLAR-22009
 2.2.3.17.2 **RLAR-23095**
 2.2.3.17.3 RLAR-23679
 2.2.3.17.4 **RLAR-23680**
 2.2.3.17.5 RLAR-23815
 2.2.3.17.6 RLAR-23992
 2.2.3.18 **00502-8207897 Rev -**, RELO OF AC CONTROL SYS COMP TO SUIT CSRR INC 01
 2.2.3.19 **00412-8207906 Rev -**, CKT R-SLR/O INSTL & WT MOD TO SUPPORT INSTALLATION OF CSRR ON AN/BSY-1 SHIP
 2.2.3.19.1 LAR-78014
 2.2.3.19.2 LAR-80649
 2.2.3.19.3 RLAR-21995
 2.2.3.20 **00445-8207907 Rev -**, MISC ARR MODS TO SUPPORT CSRR OUTSIDE OF RADIO ROOM
 2.2.3.20.1 LAR-78893
 2.2.3.20.2 LAR-78896
 2.2.3.20.3 LAR-79238a
 2.2.3.20.4 LAR-79353
 2.2.3.20.5 LAR-79570
 2.2.3.20.6 LAR-79672

2.2.3.20.7 LAR-81438
 2.2.3.20.8 RLAR-23051
 2.2.3.20.9 RLAR-23360
 2.2.3.20.10 RLAR-23476
 2.2.3.20.11 RLAR-23565
 2.2.3.20.12 RLAR-23839
 2.2.3.21 **00113-8207926 RevA**, RIPOUT & INSTL FDNS FOR ELECTRICAL EQUIP FOR CSRR
 2.2.3.21.1 LAR-79774
 2.2.3.21.2 LAR-81438
 2.2.3.21.3 RLAR-23381
 2.2.3.21.4 RLAR-23394
 2.2.3.21.5 RLAR-23541
 2.2.3.21.6 **RLAR-24123**
 2.2.3.22 **00404-8207941 Rev -**, ESM CKT R-CI MOD TO SUPPORT CSRR – INSTL AND R/O CAD
 2.2.3.22.1 LAR-78516a
 2.2.3.22.2 LAR-78516b
 2.2.3.22.3 RLAR-21791
 2.2.3.22.4 RLAR-21950
 2.2.3.22.5 RLAR-23283
 2.2.3.23 **00404-8207942 Rev -**, ESM CKT R-CI MOD TO SUPPORT CSRR – INSTL WT
 2.2.3.23.1 RLAR-21792
 2.2.3.24 **00401-8208131 Rev -**, IC CKTS “HI-FI” “SE” & “SIOTE 200” MODS TO SUPPORT INSTL OF CSRR
 2.2.3.24.1 LAR-77320
 2.2.3.24.2 **RLAR-21884**
 2.2.3.24.3 RLAR-23571
 2.2.3.25 **00413-8208133 Rev -**, IC CKT “R-CS” SYSTEM MOD TO SUPPORT INSTL OF CSRR
 2.2.3.25.1 LAR-77320
 2.2.3.25.2 RLAR-21746
 2.2.3.25.3 RLAR-21886
 2.2.3.26 **00613-8208134 Rev -**, PIER SYSTEM MOD TO SUPPORT INSTL OF CSRR
 2.2.3.26.1 LAR-77320
 2.2.3.26.2 RLAR-23096
 2.2.3.26.3 RLAR-23650
 2.2.3.27 **00401-8208218 Rev -**, SHORE TLTPHONE SYSTEM IC CKT “J” MOD TO SUPPORT INSTL OF CSRR SA-4697KP
 2.2.3.27.1 RLAR-21830
 2.2.3.28 **00302-8208413 Rev A**, POWER MODS TO SUPORT INSTALLATION OF CSRR AS 4697KP
 2.2.3.28.1 LAR-80812
 2.2.3.28.2 LAR-80812a
 2.2.3.29 **Dwg 50225-06892600 Rev A**, 688 Class Mechanical Installation for CSRR I1V3, EC-22R2
 2.2.3.29.1 **PLAR P00619-12**
 2.2.3.29.2 **PLAR P00641-12**
 2.2.3.29.3 **PLAR P00650-12**
 2.2.3.29.4 **PLAR P00665-12**
 2.2.3.29.5 **PLAR P00679-12**
 2.2.3.29.6 **PLAR P00705-12**
 2.2.3.29.7 **PLAR P00706-12**
 2.2.3.29.8 **PLAR P00708-12**
 2.2.3.29.9 **PLAR P00716-12**
 2.2.3.29.10 **PLAR P00736-12**
 2.2.3.29.11 **PLAR P00762-13**
 2.2.3.29.12 **PLAR P00820-13**
 2.2.3.29.13 **PLAR P00834-13**
 2.2.3.29.14 **PLAR P00844-13**

~~2.2.3.29.15~~ PLAR P00853-13
~~2.2.3.29.16~~ PLAR P00887-13
~~2.2.3.29.17~~ PLAR P00877-13
~~2.2.3.29.18~~ PLAR P00882-13
~~2.2.3.29.19~~ PLAR P00899-13
~~2.2.3.29.20~~ PLAR P00949-13
~~2.2.3.29.21~~ PLAR P00956-13
~~2.2.3.29.22~~ PLAR P00957-13
~~2.2.3.29.23~~ PLAR P00987-13
~~2.2.3.29.24~~ PLAR P00988-13
~~2.2.3.29.25~~ PLAR P00989-13
~~2.2.3.29.26~~ PLAR P00990-13
~~2.2.3.29.27~~ PLAR P01024-13
~~2.2.3.29.28~~ PLAR P01042-13
~~2.2.3.29.29~~ PLAR P01046-13
~~2.2.3.29.30~~ PLAR P01051-13 REV A
~~2.2.3.29.31~~ PLAR P01116-13
~~2.2.3.29.32~~ PLAR I05107-12
~~2.2.3.29.33~~ PLAR I05108-12
~~2.2.3.29.34~~ PLAR I05110-12
~~2.2.3.29.35~~ PLAR I05112-12
~~2.2.3.29.36~~ PLAR I05115-12
~~2.2.3.29.37~~ PLAR I05139-12
~~2.2.3.29.38~~ PLAR I05145-12
~~2.2.3.29.39~~ PLAR I05146-12
~~2.2.3.29.40~~ PLAR I05159-13
~~2.2.3.29.41~~ PLAR I05165-13
2.2.3.30 Dwg 50225-06892601 Rev A, 688 Class Electrical Installation for CSRR I1V3, EC-22R2
~~2.2.3.30.1~~ PLAR P00619-12
~~2.2.3.30.2~~ PLAR P00652-12
~~2.2.3.30.3~~ PLAR P00660-12
~~2.2.3.30.4~~ PLAR P00663-12
~~2.2.3.30.5~~ PLAR P00697-12
~~2.2.3.30.6~~ PLAR P00698-12
~~2.2.3.30.7~~ PLAR P00704-12
~~2.2.3.30.8~~ PLAR P00725-12
~~2.2.3.30.9~~ PLAR P00742-13
~~2.2.3.30.10~~ PLAR P00837-13
~~2.2.3.30.11~~ PLAR P00838-13
~~2.2.3.30.12~~ PLAR P00876-13
~~2.2.3.30.13~~ PLAR P00882-13
~~2.2.3.30.14~~ PLAR P00935-13
~~2.2.3.30.15~~ PLAR P00974-13
~~2.2.3.30.16~~ PLAR P00987-13
~~2.2.3.30.17~~ PLAR P01024-13
~~2.2.3.30.18~~ PLAR P01042-13
~~2.2.3.30.19~~ PLAR P01047-13
~~2.2.3.30.20~~ PLAR P01107-13
~~2.2.3.30.21~~ PLAR P01116-13
~~2.2.3.30.22~~ PLAR I05109-12
~~2.2.3.30.23~~ PLAR I05111-12
~~2.2.3.30.24~~ PLAR I05117-12
~~2.2.3.30.25~~ PLAR I05122-12

~~2.2.3.30.26~~ PLAR I05123-13
~~2.2.3.30.27~~ PLAR I05124-13
~~2.2.3.30.28~~ PLAR I05125-13
~~2.2.3.30.29~~ PLAR I05126-13
~~2.2.3.30.30~~ PLAR I05127-13
~~2.2.3.30.31~~ PLAR I05128-13
~~2.2.3.30.32~~ PLAR I05129-13
~~2.2.3.30.33~~ PLAR I05130-13
~~2.2.3.30.34~~ PLAR I05131-12
~~2.2.3.30.35~~ PLAR I05135-12
~~2.2.3.30.36~~ PLAR I05136-12
~~2.2.3.30.37~~ PLAR I05137-12
~~2.2.3.30.38~~ PLAR I05138-12
~~2.2.3.30.39~~ PLAR I05148-13
~~2.2.3.30.40~~ PLAR I05150-13
~~2.2.3.30.41~~ PLAR I05157-13
~~2.2.3.30.42~~ PLAR I05158-13
~~2.2.3.30.43~~ PLAR I05160-13
~~2.2.3.30.44~~ PLAR I05181-14

2.2.3.31 Dwg 50225-06892602 Rev A, 688 Class wiring Table for CSRR I1V3, EC-22R2

~~2.2.3.31.1~~ PLAR P00619-12
~~2.2.3.31.2~~ PLAR P00652-12
~~2.2.3.31.3~~ PLAR P00660-12
~~2.2.3.31.4~~ PLAR P00663-12
~~2.2.3.31.5~~ PLAR P00667-12
~~2.2.3.31.6~~ PLAR P00669-12
~~2.2.3.31.7~~ PLAR P00675-12
~~2.2.3.31.8~~ PLAR P00697-12
~~2.2.3.31.9~~ PLAR P00700-12
~~2.2.3.31.10~~ PLAR P00702-12
~~2.2.3.31.11~~ PLAR P00718-12
~~2.2.3.31.12~~ PLAR P00724-12
~~2.2.3.31.13~~ PLAR P00729-12
~~2.2.3.31.14~~ PLAR P00733-12
~~2.2.3.31.15~~ PLAR P00739-12
~~2.2.3.31.16~~ PLAR P00817-13
~~2.2.3.31.17~~ PLAR P00837-13
~~2.2.3.31.18~~ PLAR P00838-13
~~2.2.3.31.19~~ PLAR P00846-13
~~2.2.3.31.20~~ PLAR P00876-13
~~2.2.3.31.21~~ PLAR P00882-13
~~2.2.3.31.22~~ PLAR P00886-13
~~2.2.3.31.23~~ PLAR P00887-13
~~2.2.3.31.24~~ PLAR P00922-13
~~2.2.3.31.25~~ PLAR P00935-13
~~2.2.3.31.26~~ PLAR P00974-13
~~2.2.3.31.27~~ PLAR P00987-13
~~2.2.3.31.28~~ PLAR P01024-13
~~2.2.3.31.29~~ PLAR P01042-13
~~2.2.3.31.30~~ PLAR P01047-13
~~2.2.3.31.31~~ PLAR P01116-13
~~2.2.3.31.32~~ PLAR I05104-12
~~2.2.3.31.33~~ PLAR I05109-12

~~2.2.3.31.34~~ PLAR-I05111-12
~~2.2.3.31.35~~ PLAR-I05117-12
~~2.2.3.31.36~~ PLAR-I05123-13
~~2.2.3.31.37~~ PLAR-I05124-13
~~2.2.3.31.38~~ PLAR-I05125-13
~~2.2.3.31.39~~ PLAR-I05126-13
~~2.2.3.31.40~~ PLAR-I05127-13
~~2.2.3.31.41~~ PLAR-I05128-13
~~2.2.3.31.42~~ PLAR-I05129-13
~~2.2.3.31.43~~ PLAR-I05130-13
~~2.2.3.31.44~~ PLAR-I05131-12
~~2.2.3.31.45~~ PLAR-I05132-12
~~2.2.3.31.46~~ PLAR-I05133-12
~~2.2.3.31.47~~ PLAR-I05134-12
~~2.2.3.31.48~~ PLAR-I05135-12
~~2.2.3.31.49~~ PLAR-I05136-12
~~2.2.3.31.50~~ PLAR-I05137-12
~~2.2.3.31.51~~ PLAR-I05138-12
~~2.2.3.31.52~~ PLAR-I05141-12
~~2.2.3.31.53~~ PLAR-I05142-12
~~2.2.3.31.54~~ PLAR-I05147-12
~~2.2.3.31.55~~ PLAR-I05148-13
~~2.2.3.31.56~~ PLAR-I05150-13
~~2.2.3.31.57~~ PLAR-I05157-13
~~2.2.3.31.58~~ PLAR-I05158-13
~~2.2.3.31.59~~ PLAR-I05160-13
~~2.2.3.31.60~~ PLAR-I05172-13
~~2.2.3.31.61~~ PLAR-I05181-13

2.2.3.32 Dwg 50225-06892610 Rev -, LA CLASS CSRR 1.3.4.1 (CDMT) MECHANICAL RIPOUT & INSTALLATION, EC-25

2.2.3.32.1 PLAR-P00769-13
2.2.3.32.2 PLAR-P00774-13
2.2.3.32.3 PLAR-P00947-13
2.2.3.32.4 PLAR-P01046-13

2.2.3.33 Dwg 50225-06892611 Rev -, LA CLASS CSRR 1.3.4.1 (CDMT) ELECTRICAL RIPOUT & INSTALLATION, EC-25

2.2.3.33.1 PLAR-P00768-13
2.2.3.33.2 PLAR-P00952-13
2.2.3.33.3 PLAR-P01033-13

2.2.3.34 Dwg 50225-06892612 Rev -, LA CLASS CSRR 1.3.4.1 (CDMT) WIRING TABLES, EC-25

2.2.3.35 Dwg 50225-06892620 Rev -, LA CLASS CSRR 1.3.4.2 (ADNS SP2) MECHANICAL RIPOUT & INSTALLATION, EC-26

2.2.3.35.1 PLAR-P00725-12
2.2.3.35.2 PLAR-P00779-12
2.2.3.35.3 PLAR-P00782-13
2.2.3.35.4 PLAR-P01046-13

2.2.3.36 Dwg 50225-06892621 Rev -, LA CLASS CSRR 1.3.4.2 (ADNS SP2) ELECTRICAL RIPOUT & INSTALLATION, EC-26

2.2.3.36.1 PLAR-P00781-13
2.2.3.36.2 PLAR-P00950-13
2.2.3.36.3 PLAR-P00953-13

2.2.3.37 Dwg 50225-06892622 Rev -, LA CLASS CSRR 1.3.4.2 (ADNS SP2) WIRING TABLES, EC-26

2.2.3.37.1 PLAR-P00765-13

- 2.2.3.37.2 PLAR-P00780-13
- 2.2.3.37.3 PLAR-P00845-13
- 2.2.3.37.4 PLAR-P00851-13
- 2.2.3.37.5 PLAR-P00950-13
- 2.2.3.37.6 PLAR-P01081-13
- 2.2.3.38 **Dwg 50225-06892630 Rev -, LA CLASS CSRR 1.3.4.3 (RFDACS DT-9110) MECHANICAL RIPOUT & INSTALLATION, EC-29R1**
- 2.2.3.38.1 PLAR-P00775-13
- 2.2.3.39 **Dwg 50225-06892631 Rev -, LA CLASS CSRR 1.3.4.3 (RFDACS DT-9110) ELECTRICAL RIPOUT & INSTALLATION, EC-29R1**
- 2.2.3.40 **Dwg 50225-06892632 Rev -, LA CLASS CSRR 1.3.4.3 (RFDACS DT-9110) WIRING TABLES, EC-29R1**
- 2.2.3.41 **Dwg 50225-06892640 Rev -, LA CLASS CSRR 1.3.4.4 (KIV-7M 2.6) MECHANICAL RIPOUT & INSTALLATION, EC-30**
- 2.2.3.41.1 PLAR-P01046-13
- 2.2.3.42 **Dwg 50225-06892641 Rev -, LA CLASS CSRR 1.3.4.3 (KIV-7M 2.6) ELECTRICAL RIPOUT & INSTALLATION, EC-30**
- 2.2.3.43 **Dwg 50225-06892642 Rev -, LA CLASS CSRR 1.3.4.3 (KIV-7M 2.6) WIRING TABLES, EC-30**
- 2.2.3.43.1 PLAR-P00987-13
- 2.2.3.43.2 PLAR-P01097-13

- 2.2.4 **SHIP ALTERATION RECORD (SAR) FOR S/A 4737KP, CRYPTO UNIVERSAL ENCLOSURE (For Reference Only)**

- 2.2.5 **SHIP ALTERATION RECORD (SAR) FOR S/A 4733KP, INSTALL ADNS INC 3 (For Reference Only)**

- 2.2.6 **ENGINEERING CHANGE ORDER, EC-4 REV 1, C-12509/USC-38(V) (TMIN: EE-130-B7-ECO-004 Rev 1)**

- 2.2.7 **ENGINEERING CHANGE ORDER, EC-2 REV 1, AN/WRR-12/12A (TMIN: EE100-WT-ECO-002 Rev 1)**

- 2.2.8 **ENGINEERING CHANGE ORDER (RADIO FREQUENCY DISTRIBUTION AND CONTROL SYSTEM (RFDACS)), TMIN: EE110-B3-ECO-004 (EC-4, OK-664(V)5) (For Reference Only)**

- 2.2.9 **SUBLAN CCE ANCILLARY UPG, SA 4700KP SIDS AND LARS**
- 2.2.9.1 **613-8207895 REV -, NETWORK MODS TO SUPPORT INSTALLATION OF 4700KP**
- 2.2.9.1.1 RLAR 21680
- 2.2.9.1.2 RLAR-21965
- 2.2.9.1.3 RLAR-23093
- 2.2.9.2 **302-8207898 REV -, CABLE ROUTING MODS**
- 2.2.9.2.1 LAR-PY-77474
- 2.2.9.2.2 LAR-PY-78658
- 2.2.9.2.3 RLAR-23108
- 2.2.9.3 **345-8207903 REV -, MISC ENGINE ROOM MODS (NOFORN)**
- 2.2.9.3.1 RLAR-23836
- 2.2.9.4 **113-8207935 REV -, ENGINE ROOM MODS**
- 2.2.9.4.1 RLAR-23090
- 2.2.9.4.2 RLAR-23090A

- 2.2.10 **EC-8 INCR 01, AN/USQ-177(V)1 (TMIN:EE689-BM-ECO-A08)**

- 2.2.11 **ENGINEERING CHANGE ORDER, TMIN EE689-BM-ECO-C10(EC-10 INCR03, AN/USQ-177(V)1)**
- 2.2.12 **ENGINEERING CHANGE ORDER (SUBLAN ALCATEL 6850 Switches), TMIN EE689-BM-ECO-023 (EC-23, SUBLAN)**
- 2.2.12.1 **Ship Alteration Record SA 4367.01KP**
- 2.2.12.2 **SID: 00113-7666488 REV A – R/O & INSTL FDN FOR SUBLAN ENGINE ROOM DROP AUG**
- 2.2.13 **ENGINEERING CHANGE ORDER (SUBLAN 2RU CRYSTAL SERVERS), TMIN EE689-BM-ECO-025 (EC-25, AN/USQ-177C(V)1)**
- 2.2.13.1 DOC 0205930-859; UPGRADE KIT, EC-25 & EC-27
- 2.2.13.2 DOC 0205930-854; UPGRADE PROCEDURE EC-25 & EC-27
- 2.2.13.3 DOC 0205930-954; INTERCONNECT DIAGRAM, SIGNAL
- 2.2.13.4 DOC 0205930-963; INTERCONNECT DIAGRAM, POWER
- 2.2.13.5 DOC 0205930-106; AN/USQ-177C(V)1 ANCILLARY EQPT
- 2.2.14 **ENGINEERING CHANGE ORDER, TMIN EE689-BM-ECO-026 (EC-26, AN/USQ-177C(V)1/2)**
- 2.2.15 **ENGINEERING CHANGE ORDER (SUBLAN 3RU CRYSTAL SERVERS), TMIN EE689-BM-ECO-027 (EC-27, AN/USQ-177C(V)1)**
- 2.2.15.1 DOC 0205930-858; UPGRADE KIT, EC-27
- 2.2.15.2 DOC 0205930-859; UPGRADE KIT, EC-25 & EC-27
- 2.2.15.3 DOC 0205930-854; UPGRADE PROCEDURE EC-25 & EC-27
- 2.2.15.4 DOC 0205930-954; INTERCONNECT DIAGRAM, SIGNAL
- 2.2.15.5 DOC 0205930-963; INTERCONNECT DIAGRAM, POWER
- 2.2.15.6 ECO-27 AN/USQ-177C SERVER INSTALLATION FORWARD FIT PROCEDURES
- 2.2.15.7 ECO-27 NA/USQ-177C SERVER INSTALLATION BACKFIT PROCEDURES
- 2.2.16 **NTCSS VIKING FORWARD FIT SA4641R1 SIDS AND LARS**
- 2.2.16.1 **00113-8205431, Rev -, R/O & INSTL FOUNDATION FOR NTCSS OPT V2 SA-4609KP**
- 2.2.16.1.1 LAR-PY-76336
- 2.2.16.1.2 LAR-PY-81842
- 2.2.16.1.3 RLAR-20303B
- 2.2.16.1.4 LAR-PY-77756
- 2.2.16.1.5 RLAR-20303
- ~~2.2.16.1.6 RLAR-23498~~
- 2.2.16.1.7 LAR-PY-81038
- 2.2.16.1.8 RLAR-20303A
- ~~2.2.16.1.9 RLAR-23676~~
- 2.2.16.2 **00145-8205432, Rev -, R/O & INSTL OF WORKSTATIONS FOR NTCSS OPT V2 (ENGINEER'S OFFICE) SA-4609KP**
- 2.2.16.2.1 LAR-PY-77256
- 2.2.16.2.2 RLAR-20299A
- 2.2.16.2.3 LAR-PY-82748
- 2.2.16.2.4 RLAR-20299B
- 2.2.16.2.5 RLAR-20299
- 2.2.16.3 **00501-8205433, Rev A, VENTILATION PARTIAL DIAGRAM TO INSTALL NTCSS OPT V2 SA-4609KP**
- 2.2.16.3.1 RLAR-17863
- ~~2.2.16.3.2 RLAR-20323~~
- 2.2.16.3.3 RLAR-20915
- 2.2.16.4 **00345-8205455, Rev -, MISC ELEC EQPT ARR & TYPE MOUNTS FOR INSTL OF NTCSS OPT V2 SA-4609KP SA-4641KP**
- 2.2.16.4.1 LAR-PY-70980

2.2.16.4.2 LAR-PY-73794
2.2.16.4.3 LAR-PY-74835
2.2.16.4.4 LAR-PY-75408
2.2.16.4.5 LAR-PY-80058
2.2.16.4.6 LAR-PY-81788
2.2.16.4.7 RLAR-20010
~~2.2.16.4.8 RLAR-23496~~
2.2.16.4.9 LAR-PY-71486
2.2.16.4.10 LAR-PY-74335
2.2.16.4.11 LAR-PY-75046
2.2.16.4.12 LAR-PY-75563
2.2.16.4.13 LAR-PY-80193
2.2.16.4.14 LAR-PY-81832
~~2.2.16.4.15 RLAR-20010A~~
2.2.16.4.16 LAR-PY-73590
2.2.16.4.17 LAR-PY-74613
2.2.16.4.18 LAR-PY-75283
2.2.16.4.19 LAR-PY-75844
2.2.16.4.20 LAR-PY-80333
2.2.16.4.21 LAR-PY-82229
2.2.16.4.22 RLAR-20812
2.2.16.5 **00145-8205617, Rev -, R/O & INSTL OF WORKSTATIONS FOR NTCSS OPT V2 (ENGINE ROOM) SA-4609KP**
2.2.16.5.1 LAR-PY-77792A
2.2.16.5.2 RLAR-18096
2.2.16.5.3 RLAR-20300
2.2.16.5.4 LAR-PY-78056
2.2.16.5.5 RLAR-18096A
2.2.16.5.6 RLAR-20300A
2.2.16.5.7 LAR-PY-78909
2.2.16.5.8 RLAR-18096B
2.2.16.5.9 RLAR-20300B
2.2.16.6 **00145-8205618, Rev -, R/O & INSTL OF WORKSTATIONS FOR NTCSS OPT V2 SHIP'S OFFICE SA-4609KP**
2.2.16.6.1 LAR-PY-78056
2.2.16.6.2 RLAR-20301A
2.2.16.6.3 LAR-PY-78909
2.2.16.6.4 RLAR-20301B
2.2.16.6.5 RLAR-20301
2.2.16.7 **00145-8205619, Rev -, R/O & INSTL OF WORKSTATIONS FOR NTCSS OPT V2 (CMBD STRM) SA-4609KP**
2.2.16.7.1 LAR-PY-78056
2.2.16.7.2 LAR-PY-81832
2.2.16.7.3 RLAR-20302A
2.2.16.7.4 LAR-PY-78909
2.2.16.7.5 LAR-PY-82229
2.2.16.7.6 RLAR-20302B
2.2.16.7.7 LAR-PY-80193
2.2.16.7.8 RLAR-20302
2.2.16.8 **00501-8206780, Rev -, VENTILATION MOD TO INSTALL NTCSS VIKING UPGRADE SA-4609KP**
2.2.16.9 LAR-PY-79674
2.2.16.9.1 LAR-PY-82552
2.2.16.9.2 LAR-PY-80938
2.2.16.9.3 RLAR-20916
2.2.16.9.4 LAR-PY-81277

2.2.16.10 00302-8207418 Rev -, CABLE ROUTING MODS TO SUPPORT NTCSS VIKING FORWARD-FIT
2.2.16.10.1 LAR-PY-75840
2.2.16.10.2 LAR-PY-80333
2.2.16.10.3 LAR-PY-81788
2.2.16.10.4 RLAR-23497
2.2.16.10.5 LAR-PY-76124
2.2.16.10.6 LAR-PY-80737
2.2.16.10.7 RLAR-21445
~~**2.2.16.10.8** RLAR-23602~~
2.2.16.10.9 LAR-PY-80058
2.2.16.10.10 LAR-PY-81010
~~**2.2.16.10.11** RLAR-23244~~
2.2.16.11 00401-8207429, Rev -, INTEGRATED ANNOUNCING SYSTEM IC CKT "MC" MODS TO SUPPORT VIKING UPGRADE
2.2.16.11.1 LAR-PY-75844
2.2.16.11.2 LAR-PY-80058
2.2.16.11.3 LAR-PY-81788
2.2.16.12 00613-8207430, Rev -, NETWORK MODS TO SUPPORT VIKING FORWARD-FIT
~~**2.2.16.12.1** RLAR-21880~~
2.2.16.12.2 RLAR-21947
~~**2.2.16.12.3** RLAR-23103~~
2.2.16.13 00302-8207443, Rev A, POWER MODS TO SUPPORT INSTALLATION OF NAVY TACTI CAL COMMAND SUPPORT SYSTEM (NTCSS) VIKING FORWARD-FIT
2.2.16.13.1 LAR-PY-75844
2.2.16.13.2 LAR-PY-80737
2.2.16.13.3 RLAR-21441
~~**2.2.16.13.4** LAR-PY-76057~~
2.2.16.13.5 LAR-PY-81010
2.2.16.13.6 LAR-PY-76124
2.2.16.13.7 LAR-PY-82177
2.2.16.14 00508-8207451, Rev -, GRAVITY DRAIN SYSTEM PIPING MOD TO SUIT INSTALL OF VIKING FORWARDFIT- ENGR OFFICE
2.2.16.14.1 RLAR-21029

2.2.17 ENGINEERING CHANGE ORDER, TMIN EE685-ZA-ECO-048 (EC-48, NTCSS)

3.0 PERFORMANCE REQUIREMENTS

Requirements Summary:

Ship/System	Job ID	PICO	H/W Install	S/W Load	SOVT	SME Support	Train	Remarks
(b)(7)(e)								
AN/BSC-3(V)1 NMT SA 4605KP	115933		X					
AN/URN-31(V)3 AIS SA 4514K	115927		X					
CSRR INC1 V0/1/2/3 SA 4697KP	116683		X					
AN/BSQ-9(V)1 TFDS ALARM FIX EC 02	130810		X					Linked to SA 4697 Job ID 116683
CSRR HM&E CABLING AND EQUIPMENT EC 22R2	131057		X					Linked to SA 4697 Job ID 116683
CSRR CROSS DOMAIN MESSAGE TRANSFER EC 25R1	138118		X					Linked to SA 4697 Job ID 116683
CSRR ADNS SP2 ROUTER REPLACEMENT EC 26	130854		X					Linked to SA 4697 Job ID 116683
CSRR RFDACS EOL UPGRADES EC 29R1	130882		X					Linked to SA 4697 Job ID 116683
CSRR KW-46M UPG EC 30	TBD		X					Linked to SA 4697 Job ID 116683
OK-664(V)13 RFDACS L1.1.0.0 UPGRADE EC 06R1	137612		X					Linked to SA 4697 Job ID 116683
AN/WRR-12 SLVR HW AND SW V4.0.0 UPGRADE EC 02R1	120610		X					Linked to SA 4697 Job ID 116683
AN/USC-38(V)C-12509C EHF CIPHER TEXT TIP EC-4R1	119126		X					Linked to SA 4697 Job ID 116683
AN/USQ-177(V)1 SUBLAN CCE ANC UPG SA 4700	126135		X					
AN/USQ-177(V)1 CSES SHORT RACK 6850 SW UPG ECO 08.01	126626		X					
AN/USQ-177(V)1 SUBLAN 6850 SWITCHES VIKING RACK EC 10.03	126620		X					
AN/USQ-177(V)1 ERDA 6850 SWITCH UPG EC 23	126623		X					
AN/USQ-177(V)1 SUBLAN 2RU CCE SERVER REFRESH EC 25	126123		X					

AN/USQ-177(V)1 SUBLAN COMPOSE 4.0 LAPTOP UPG EC 26	125972		X					
AN/USQ-177(V)1 SUBLAN 3RU CCE SERVER UPG EC 27	125977		X					
AN/UYK-164(V)9 NTCSS VIKING FORWARD FIT 4641KP R1	99987		X					
AN/UYK-164(V)9 NTCSS VIKING F/F PERIPHERAL REFRESH EC 48	116501		X					

Note: Job IDs in **Blue highlights** are linked tasks; all efforts shall be bid and charged to Job ID 116683.

3.1 GENERAL Requirements

- 3.1.1** All efforts under this Task Order shall be in conformance with the requirements of the Basic Contract, Ref. 2.1.1.
- 3.1.2** Comply with all requirements for Alteration Installation Teams (AITs) as established by Ref 2.1.2.
- 3.1.3** Comply with the General Requirements of Standard Item 009-01, Ref 2.1.3.
- 3.1.4** Comply with the Quality Management System requirements of Standard Item 009-04, Ref. 2.1.3.
- 3.1.5** Maintain work area cleanliness in accordance with Standard Item 009-06.
- 3.1.6** Develop Process Control Procedures IAW Std. Item 009-09, ref 2.1.3, as required by work processes.
- 3.1.7** Comply with the Government Property Control requirements of Standard Item 009-20, Ref 2.1.3
- 3.1.8** Comply with the requirements of Std Item 009-22, Ref. 2.1.3, for all installed and relocated electrical cable.
- 3.1.9** Comply with the Interferences requirements of Std. Item 009-23, ref. 2.1.3, for all removed interferences.
- 3.1.10** Comply with the Work Authorization Control and Isolation and Blanking requirements of Standard Item 009-24, Ref 2.1.3
- 3.1.11** Comply with the requirements of Std Item 009-73, ref. 2.1.3, for all installed and relocated electronic, electrical and fiber optic cable.
- 3.1.12** Comply with the Occupational Safety and Health requirements of Standard Item 009-74, Ref. 2.1.3, and 29 CFR Part 1915, Ref. 2.1.4.
- 3.1.13** Comply with the requirements of Std. Item 009-81, ref 2.1.3, for all compartment closeouts.
- 3.1.14** Comply with the Special Requirements for Non-SUBSAFE Work on SUBSAFE Certified Vessels of Standard Item 009-109, Ref. 2.1.3.
- 3.1.15** Comply with the Special Requirements for Non-Nuclear Work on Nuclear Vessels of Standard Item 009-110, Ref. 2.1.3.
- 3.1.16** Contractor shall provide installation support during SOVT of all installed systems, including repair of any installation discrepancies found during SOVT, minor disassembly/removal and assembly/replacement of units or components to facilitate test requirements and/or inspection. The installation support should consist of one person on day shift and two personnel on night shift for at least three weeks after the start of the SOVT.
- 3.1.17** Develop a QA Workbook in accordance with Ref. 2.1.2, Para. 3.4.8.7, and submit to the local SSC PAC QA Office for review not later than 5 days prior to commencing work. A separate QA Workbook shall be developed for each platform under this Task Order.
- 3.1.18** Provide electronic deliverables in formats compatible with the latest NMCI Gold Disk applications.
- 3.1.19** Provide a detailed Plan of Action and Milestones (POAM) for accomplishing the requirements of this order. POAM shall be developed IAW ref. 2.1.2, and delivered within two weeks of task award. A separate POAM shall be developed for each platform under this Task Order.
- 3.1.20** All installation and SOVT efforts on board ships shall be performed within the availability window listed in paragraph 1.2. Specific dates within that window shall be coordinated with the On-Site Installation Coordinator (OSIC) and System AITM identified in Para. 12.

- 3.1.21 Contractor shall conduct an Out-Brief with Ships Force (Division Officer or designated CPO or higher) upon completion of all tasks. Out-Brief shall be IAW ref 2.1.2, and shall be coordinated through OSIC and System AITM.
- 3.1.22 The contractor to provide shipboard fire-proof plywood covers for 9 BLQ-10 cabinets in radio before the start of any work. The covers shall cover the entire face of the cabinet, be removable and be at least 1/8 inch thick. For the cabinet on the corner (BLQ-10 rack 6), the side and back must be covered as well IAW Ref. 2.1.4.
- 3.1.23 The contractor is to supply sufficient storage containers for all ripout material as well as all GFM. No government storage will be available.

3.2 NMT Q BAND, SA 4605KP (JID 115933)

- 3.2.1 Accomplish SA 4605 on board (b)(7)(e) IAW ref. 2.2.1.
- 3.2.2 Comply with the requirements of Std. Item 009-11 for all removed, disturbed and installed insulation and lagging.
- 3.2.3 Comply with the requirements of Std Item 009-12, ref 2.1.3, for all welding and hotwork.
- 3.2.4 Comply with the Cleaning and Painting requirements of Std. Item 009-32 for all disturbed and new surfaces.
- 3.2.5 Comply with the Waveguide Layup requirements of Std. Item 009-76 for re-used waveguides.
- 3.2.6 Ship the ripped out FOT and PPI to the address in the SHIPALT drawings. Ship the HPA to an address (in San Diego) provided by the OSIC.

3.3 AIS - AN/URN-31(V)3, SA 4514KP (JID 115927)

- 3.3.1 Accomplish SA 4514 on board (b)(7)(e) IAW ref(s). 2.2.2.
- 3.3.2 Comply with the requirements of Std. Item 009-11 for all removed, disturbed and installed insulation and lagging.
- 3.3.3 Comply with the requirements of Std. Item 009-12, ref 2.1.3, for all welding and hotwork.
- 3.3.4 Comply with the Cleaning and Painting requirements of Std. Item 009-32 for all disturbed and new surfaces.

3.4 COMMON SUBMARINE RADIO ROOM (CSRR) INC V0/1/2/3, SA 4697 (JID 116683)

- 3.4.1 Accomplish SA 4697 on board (b)(7)(e) IAW ref. 2.2.3.
- 3.4.2 Replace the entire radio room deck (both radio and ESM sides) when work is complete.
- 3.4.3 Comply with the requirements of Std. Item 009-11 for all removed, disturbed and installed insulation and lagging.
- 3.4.4 Comply with the requirements of Std. Item 009-12, ref 2.1.3, for all welding and hotwork.
- 3.4.5 Comply with the Cleaning and Painting requirements of Std. Item 009-32 for all disturbed and new surfaces.
- 3.4.6 Personnel performing connector and/or fiber terminations shall be certified IAW Std Item 009-73, ref. 2.1.3.
- 3.4.7 CSRR EC's 22R2, 25, 26, 29, 30 are accomplished as part of CSRR and are linked tasks.
- 3.4.8 ShipAlt 4733, ADNS Inc 3, is accomplished as part of CSRR. SAR 4733, ref.2.2.5 is provided for reference only; no additional work is ordered by this SAR.
- 3.4.9 ShipAlt 4737, Crypto Universal Enclosure, is accomplished as part of CSRR. SAR 4737, ref.2.2.4 is provided for reference only; no additional work is ordered by this SAR.
- 3.4.10 EC 2r1, SLVR AN/WRR-12B SV 4.0.0, is accomplished as part of the CSRR ShipAlt. Pack the AN/WRR-10 SLVR chassis (both CP and CV units) for shipment per ref 2.1.6, and ship to the address in ref 2.2.7
- 3.4.11 EC 4, RFDACS OK-664(V)5 L1.0.0.0 UPG, is accomplished as part of the CSRR ShipAlt. EC2r1, ref.2.2.8 is provided for reference only; no additional work is ordered by this EC.

3.5 NESP EHF TIP, EC4 r1 (JID 119126)

- 3.5.1 Accomplish NESP EHF TIP EC4r1 on board (b)(7)(e) IAW ref. 2.2.6
- 3.5.2 Pack the TIP chassis for shipment IAW ref 2.1.6 and ship to the address in ref 2.2.6.

3.6 SUBLAN CCE ANCILLARY UPGRADE, SA 4700 (JID 126135)

- 3.6.1 Accomplish ShipAlt 4700 on board (b)(7)(e) IAW ref(s). 2.2.9.

- 3.6.2** Personnel performing connector and/or fiber terminations shall be certified IAW Std Item 009-73, ref. 2.1.3.
- 3.7 CSES SHORT RACK SWITCH UPGRADE EC 8.01 (JID 126626)**
- 3.7.1** Accomplish EC 8.01 on board (b)(7)(e) IAW ref. 2.2.10 and its attachments.
- 3.7.2** Contractor is not responsible for performing the SOVT identified in the EC.
- 3.8 SUBSUBLAN 6850 SWITCH UPGRADE FOR VIKING LOGROOM RACK, EC 10.03 (JID 126620)**
- 3.8.1** Accomplish EC 10.03 on board (b)(7)(e) IAW ref. 2.2.11.
- 3.8.2** Personnel performing connector terminations shall be certified IAW Std Item 009-73, ref. 2.1.3.
- 3.8.3** Contractor is not responsible for performing the SOVT identified in the EC.
- 3.9 ERDA 6850 SWITCH UPGRADE, EC 23 (JID 126623)**
- 3.9.1** Accomplish EC23 by removing existing 6600 network switches, and replace with 6850 network switches IAW ref. 2.2.12. SA 4367.01KP, as referenced by ECO-23, has already been completed on (b)(7)(e) – this task only covers physical replacement of the 2 switches. Some modifications are expected to be required to the existing switch rack to mount the 6850 switches. Ref. 2.2.12.2, Sheets 25 – 32, reflect the switch installation as a part of the completed ShipAlt, and shall be used for planning and estimating purposes.
- 3.9.2** Contractor is not responsible for performing the SOVT identified in the EC.
- 3.10 SUBLAN EC 25 688 2RU CRYSTAL SERVERS, EC 25 (JID 126123)**
- 3.10.1** Accomplish SUBLAN EC 25 on board (b)(7)(e) IAW ref. 2.2.13
- 3.11 SUBLAN SSN COMPOSE 4.0 LAPTOP REFRESH, EC 26 (JID 125972)**
- 3.11.1** Accomplish SUBLAN EC 26 on board (b)(7)(e) IAW ref. 2.2.14
- 3.11.2** 34 each laptops will be delivered under this EC.
- 3.12 SUBLAN EC 27 688 3RU CRYSTAL SERVERS FOR LOGROOM RK, EC 27 (JID 125977)**
- 3.12.1** Accomplish SUBLAN EC 27 on board (b)(7)(e) IAW ref. 2.2.15
- 3.13 INSTALL VIKING FORWARD-FIT SA 4641R1KP (JID 99987)**
- 3.13.1** Accomplish SA 4641r1 on board (b)(7)(e) IAW ref(s). 2.2.16.
- 3.13.2** Comply with the requirements of Std. Item 009-11 for all removed, disturbed and installed insulation and lagging.
- 3.13.3** Comply with the requirements of Std Item 009-12, ref 2.1.3, for all welding and hotwork.
- 3.13.4** Comply with the Cleaning and Painting requirements of Std Item 009-32 for all disturbed and new surfaces.
- 3.13.5** Personnel performing connector and/or fiber terminations shall be certified IAW Std Item 009-73, ref. 2.1.3.
- 3.13.6** The ventilation heater will be supplied as GFM.
- 3.14 NTCSS VIKING F/F PERIPHERAL UPGRADE, EC 48 (JID 116501)**
- 3.14.1** Accomplish NTCSS VIKING EC 48 on board (b)(7)(e) IAW ref. 2.2.17

4.0 INFORMATION ASSURANCE (IA)

- 4.1** The Contractor shall ensure that personnel accessing information systems have the proper and current IA certification to perform IA functions in accordance with DoD 8570.01 -M, Information Assurance Workforce Improvement Program, Ref 2.1.5. The Contractor shall meet applicable information assurance certification requirements, including (a) DoD-approved IA workforce certifications appropriate for each specified category and level and (b) appropriate operating system certification for information assurance technical positions as required by DoD 8570.01 -M. Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions. The contractor shall provide documentation supporting the information

assurance certification status of personnel performing information assurance functions, reporting current IA certification status and compliance using CDRL Contractor Roster, DI-MGMT-81596 in the format prescribed by the COR."

5.0 GOVERNMENT FURNISHED PROPERTY

Only the GFP identified as "provided" and listed in the quantity shown on the approved installation documents (see PWS section 2.2), or as specifically identified as GFP (or GFM/GFE) in this PWS shall be furnished by the Government. The Government may provide approved installation documents not listed on this PWS, but this section shall still apply. All GFP will be provided in an "as-is" condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

5.1 Government Furnished Information (GFI)

- 5.1.1** Applicable documents listed in paragraph 2.2 of this PWS are available on IMOTracker Portal. All other documents listed in paragraph 2.1 are the contractor's responsibility to obtain. The Government may provide approved installation documents not listed on this PWS, but this section shall still apply.

5.2 Government Furnished Material/Government Furnished Equipment (GFM/GFE)

- 5.2.1** Only the material/equipment listed in the quantity shown as "furnished with kit" or "GFM" or "GFE" on the approved installation documents or as listed in this SOW shall be furnished by the government. All equipment and materials listed as "IAF" in Installation Documents are the responsibility of the contractor to provide. All other material/equipment required in the performance of the tasks including ancillary and consumable materials shall be furnished by the contractor. The contractor shall be in compliance with the basic contract for the care and keeping of all Government Furnished Material/Equipment (GFM/GFE) which is transferred under this task order. All material/equipment not used shall be returned to the government at the end of the task unless otherwise specified in Section 9 of this PWS. All GFM will be furnished in an "as-is" condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

6.0 OTHER

- 6.1 Security:** Contractor's request for visit authorization shall be submitted through the Joint personnel Adjudication System (JPAS) to Pearl Harbor Naval Shipyard and the platforms identified under this Task Order. Allow 7 days for processing. Personnel clearance requirements are defined in the Basic Contract, ref. 2.1. However, contractor personnel assigned to conduct the installation within security areas shall have a clearance appropriate for that area. Visit requests shall also be submitted to the (b)(7)(e) through the Joint Personnel Adjudication System (JPAS). The Contractor shall ensure all sub-contractors utilized for this PWS meet security requirements.

6.2 Place of Performance

- 6.2.1** Work will be performed at the locations listed in Paragraph 1.1.

6.3 Period of Performance

- 6.3.1** Period of Performance is by Job ID and as listed in para. 2.1 of this PWS.

6.4 Transportation

- 6.4.1** Travel to, and in and around, Pearl Harbor, HI, is authorized under this Task Order.

6.5 Inspection/QASP

- 6.5.1** Inspection of the work shall be accomplished as identified by the Quality Assurance Surveillance Plan (QASP) is attached.
- 6.5.2** The performance of the contractor and the quality of the work delivered, including any documentary material written or compiled, shall be subject to in-process review and inspection.
- 6.5.3** Inspections may be accomplished at any work location by any authorized government personnel who shall be permitted to inspect work at all reasonable hours.

6.6 Acceptance

- 6.6.1** The SSC Pacific Contracting Officer Representative (COR) is responsible for the acceptance of the final deliverable products.
- 6.6.2** The COR's final acceptance shall be based upon the AIT Manager's or designated alternates recommendation, ensuring the delivery order has been satisfactorily completed, all deliverable products have been received and Government Provided Property and all residual materials, (notes, tech manuals, brochures, research material and remaining supplies), have been received.

6.7 Earned Value Management System (EVMS):

- 6.7.1** Contractor shall provide EVM data in IMO modified format. EVM data shall be uploaded to IMO system no later than close of business on the day before contractor's scheduled weekly EVM meeting.

7.0 DATA DELIVERABLES

- 7.1** Required CDRL items are attached.

8.0 SUBCONTRACTING REQUIREMENTS

- 8.1** In accordance with the basic contract, reference 2.1.1.

9.0 CONSTRAINTS/SPECIAL REQUIREMENTS

9.1 Material Management/Disposition Plan

- 9.1.1** Upon completion of individual task orders, the contractor shall remove all excess material/equipment from the work site, and stage the items in contractor furnished warehouse facilities. Unless prior arrangements are made via the task order, the contractor shall submit a disposition inventory list (CDRL A006) outlining Government property/material along with a request form for Plant Clearance action to the cognizant Defense Contract Management Agency (DCMA) and COR within 15 days after completion of each task.
- 9.1.2** After right of first refusal is received from the COR, the contractor shall coordinate with the DCMA Plant Clearance Officer for the disposition of excess material and equipment.
- 9.1.3** Hazardous Material storage and disposal shall conform to federal, state, and local regulations and the requirements of this Performance Work Statement. The contractor shall also comply with any additional Hazardous Materials requirements of host activities such as Government/Private shipyards, military bases, foreign countries, etc.

9.2 Environmental Requirements for Pearl Harbor Naval Shipyard

9.2.1 Contractors are required to comply with local regulations for Environmental compliance. Attachment 5, Environmental Agreement for Contractors on Ship Projects, is provided by Pearl Harbor Naval Shipyard Environmental Office for contractor guidance.

9.2.2 Contractors will be required to complete all applicable sections of Attachment 6 , Contractor Environmental Checklist, and submit to the Environmental Office prior to beginning production work. Submission of form is required even if all aspects are “Not Applicable”.

9.3 Lessons Learned

9.3.1 Upon completion of all production and SOVT efforts under this Task Order, contractor shall prepare a Lessons Learned Report (CDRL A003D) in contractors own format, covering the following items:

9.3.2 List, by Job ID, all LARs submitted and received under this task order with a brief description of each, and their impact to cost, schedule and performance. Do not include LARs that were in effect at time of award.

9.3.3 Identify any impacts to cost, schedule or performance from external factors, including: support services, ships force impacts (space/personnel availability, drills/exercises, etc.), other contractors, schedule changes, and weather or natural phenomena. Provide recommendations for future improvements.

9.3.4 List impacts to cost, schedule or performance due to system interfaces or software incompatibilities. Provide recommendations, where possible.

9.3.5 List best practices and efficiencies realized, and their benefit to cost, schedule or performance.

10.0 POC DESIGNATIONS

10.1 **On-Site Installation Coordinator (OSIC) –** (b)(7)(e)

(b)(6)

(b)(6)

(b)(6)

Email: (b)(6)

10.2 Contracting Officer’s Representative (COR):

10.2.1 (b)(6) (619)524-2485 **Email:** (b)(6)

(b)(6)

(b)(6)